

Notice of Allowability**Application No.**

10/663,609

Applicant(s)

KAWAHARA, HIDEYA

Examiner

David Phantana-angkool

Art Unit

2175

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/01/08.
2. ☒ The allowed claim(s) is/are 1,3-9,11-13,15-21,23-25,27-33 and 35-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Kieu D Vu/
Primary Examiner, Art Unit 2175

Response to Arguments

1. This communication is responsive to Applicant's Remarks filed on July 1st, 2008.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Anthony Jones on September 25th, 2008.

Please amend the Specification Para. 0001 as follows:

The subject matter of this application is related to the subject matter in a co-pending non-provisional application entitled, "Enhancements for Manipulating Two-Dimensional Windows Within a Three-Dimensional Display Model," by inventors Hideya Kawahara, Curtis J. Sasaki, Daniel J. Baigent and Yasuyo Okuda having serial number 10/663,640, and filing date 15 September 2005.

Please amend claims 3, 15 and 27 as follows:

Claim 3: The method of claim 1, wherein determining the 2D position of the cursor with respect to the 2D coordinate system of the window involves:

determining a 3D position where the ray intersects the window within the 3D display model; and

transforming the 3D position in the 3D display model into a 2D position with respect to the 2D coordinate system for the window based upon the size, position and orientation of the window within the 3D display model.

Claim 15: The computer-readable storage medium of claim 13, wherein determining the 2D position of the cursor with respect to the 2D coordinate system of the window involves:

Art Unit: 2175

determining a 3D position where the ray intersects the window within the 3D display model; and

transforming the 3D position in the 3D display model into a 2D position with respect to the 2D coordinate system for the window based upon the size, position and orientation of the window within the 3D display model.

Claim 27: The apparatus of claim 25, wherein while determining the 2D position of the cursor with respect to the 2D coordinate system of the window, the window manipulation mechanism is configured to:

determine a 3D position where the ray intersects the window within the 3D display model; and to

transform the 3D position in the 3D display model into a 2D position with respect to the 2D coordinate system for the window based upon the size, position and orientation of the window within the 3D display model.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Phantana-angkool whose telephone number is 571-272-2673. The examiner can normally be reached on M-F, 9:00-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Bashore can be reached on 571-272-4088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2175

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DP

/David Phantana-angkool/
Examiner, Art Unit 2175

/Kieu D Vu/

Primary Examiner, Art Unit 2175